Using the Sekonic Speedmaster L-858D-U to Measure Nits

1. Hold the power button to turn the meter on.
2. Remove the lens cap.
3. If the screen shows cd/m^2, the meter is on the correct setting to measure nits. Nits and cd/m^2 are the same. If the screen shows a different type of measurement, touch settings to view the setting menu and then touch cd/m^2.
4. Look through the viewfinder and aim the circle in the viewfinder at the location on the sign where you want to take the measurement.
5. Press the measure button beneath the viewfinder to take the measurement. The measurement number will appear in the viewfinder and on the meter screen.

Guidance on Electronic Display Sign Measurement:

- Readings must be taken after sunset when it is dark (for planning purposes, this could be after 9 PM in June and July).
- Position yourself around three feet from the base/face of the sign when taking a reading. Take the reading as straight-on as possible (this might increase the distance beyond three feet).
    - If three feet is not possible, please measure the distance from the base of the sign and include in your response.
- Take at least ten readings of each sign. Wait for any white text or background if the image is scrolling – the whiter the color, the higher the nits.
- For electronic signs with a black background and individual lights, get as many pixels in the degree viewfinder as possible (3 – 4, not just 1).
- Use common sense to decide whether your reading is reasonable or if something isn't working right.

Meter   **Settings Menu**   **Viewfinder**